

AERODYNAMIC WING WITH AT LEAST PARTIALLY VARIABLE CURVATURE AND STRUCTURAL JOINTS

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Abstract of WO0247976

The invention relates to an aerodynamic wing with at least partially variable curvature, comprising a variable wing surface (7) with at least two spars (21, 22, 23, 24), arranged between a first (131) and second (132) cladding for support thereof and with at least two drive units (25a, 25b, 25c) arranged between the above, for altering the relative position thereof. Each drive unit comprises a strut arrangement (100; 101, 102), which may be adjusted lengthwise, by means of an adjuster gear, the ends of which are supported by a bearing device (110). Each end of the strut arrangement (100; 101, 102) is provided with a first connector (115), connecting said end to the adjacent cladding (131, 132) and a second connector (116), connecting said end to the adjacent spar (21, 22, 23).

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